YSIOLOGIC/ NDINAMIC

Editorial Board

. Buchthal (ebenhavn

Y. Zotterman Stockholm

K. Hartiala

J. Jansen Turku Oslo

U. S. von Euler (Editor) Stockholm

Vol. 91. INDEX

Fasc. 1. (May 1974)

Regional Cerebral Blood Flow in the Rat Measured by the Tissue Sampling Technique;	
a Critical Evaluation Using Four Indicators C14-Antipyrine, C14-Ethanol, H3-Water	
and Xenon ¹³³ . By B. EKLÖF, N. A. LASSEN, L. NILSSON, K. NORBERG, B. K. SIESJÖ and	
P. Torlöf	1
ocal Anesthetics: Effects on Permeability Properties of Nodal Membrane in Myelinated	•
Nerve Fibres from Xenopus. Potential Clamp Experiments. By P. ÅRHEM and B.	
Frankenhaeuser	11
Distribution of Renal Cortical Blood Flow during Hemorrhagic Hypotension in Conscious	
Dogs. By A. Kirkebö and I. Tyssebotn	22
autoregulation of Capillary Hydrostatic Pressure in Skeletal Muscle during Regional	
Arterial Hypo- and Hypertension. By J. JÄRHULT and S. MELLANDER	32
he Effect of Glucagon on Hepatosplanchnic Hemodynamics, Functional Capacity, and	
Metabolism of the Liver in Cats. By N. Krarup and J. A. Larsen	42
he Effect of Barbiturate on Retinal Functions. I. Effects on the Conventional Electro-	
retinogram of the Sheep Eye. By B. Knave and H. E. Persson	53
affect of Lowered CSF Sodium Concentration on the Central Control of Fluid Balance.	
By L. Eriksson	61
Utilization of Energy Reserves by Cells Isolated from Newborn Rat Brain. By K. Hem-	
MINKI and M. HÄRKÖNEN	69
he Effect of Glycerol on the Postexercise Lactate Clearance. By Chr. Olsen and E. S.	_
Petersen	76
ffects of Ethanol, tert. Butanol, and Clomethiazole on Net Movements of Sodium and	
Potassium in Electrically Stimulated Cerebral Tissue. By H. Wallgren, P. Nikander,	00
P. von Boguslawsky and J. Linkola	83

Plasma Hyperosmolarity and Pulmonary Capacitance Vessels. By H. Piene, P. Aarseth	Caro
and G. Bø	94 L.
Renal Hypertension. By Y. Lundgren, M. Hallbäck, L. Weiss and B. Folkow	Regi
The Effect of Extracellular Calcium on Thermal Excitability of the Sensory Units in the	105 11
Tooth of the Cat. By L. Olgart, G. Haegerstam and L. Edwall	116
Effect of Changes in Plasma Na+ and Ca++ Ion Concentration on Body Temperature	
during Exercise. By B. Nielsen	123 Depo
Short Communications:	
DDT and Related Substances on Myelinated Nerve: Effects on Permeability Properties. By P. ÅRHEM, B. FRANKENHAEUSER, R. GÖTHE and P. O'BRYAN	130 Actio
Hypoxia Causes Prostaglandin Release from Perfused Rabbit Hearts. By A. Wennmalm,	Er
PHAM-HUU-CHANH and M. JUNSTAD	133 Char Gr
IÓHANNSSON and B. K. Siesiö	
Failure of Adrenalectomy to Influence the Acute Effect of FSH on Ovarian Metabolism.	en Unte
By L. Nilsson	139 Upta
Measurement of Colloid Osmotic Pressure of Interstitial Fluid. By H. M. JOHNSEN	Stim
Fasc. 2. (June 1974)	po Sø
	Prote
Morphology and Storage Properties of Rat Mast Cell Granules Isolated by Different Methods. By P. Anderson, P. Röhlich, S. A. Slorach and B. Uvnäs	in
K. Norberg and B. K. Siesjö	Disci
B. B. Fredholm and A. Fronek	165 Co
Disappearance of ¹³³ Xenon and ¹²⁸ Iodide and Extraction of ⁸⁶ Rubidium in Subcutaneous Adipose Tissue during Sympathetic Nerve Stimulation. By B. Linde and J. L. Gainer	PE
The Effect of Barbiturate on Retinal Functions. II. Effects on the C-wave of the Electro- retinogram and the Standing Potential of the Sheep Eye. By B. KNAVE, H. E. Persson	Ra L.
and S. E. G. Nilsson	21000
The Effect of Barbiturate on Retinal Functions. III. Effects on the Isolated Receptor Responses and the Inner Nuclear Layer Components in the Low-intensity Electro-	Symp
retinogram of the Sheep Eye. By B. Knave and H. E. Persson	187 No
The Action Potential in End-Plate and Extrajunctional Regions of Rat Skeletal Muscle.	100
By S. Thesleff, F. Vyskočil and M. R. Ward	196
Effects of 3', 5'-Cyclic Adenosine Monophosphate, 5-Hydroxytryptamine, Noradrenaline and Theophylline on the Simultaneous Release of Peroxidase and Amylase from the Guinea Pig Submandibular Gland. Ny B. Carlsöö, Å. Danielsson, S. Marklund and	Pulm A not
T. STIGBRAND	203 K.
J. JÄRHULT and S. MELLANDER	211
Histochemical Studies on Adenosine Triphosphatase Activity in the Rat Cornea. By T. Tervo and A. Palkama	216
Parallel Activation of Dynamic Fusimotor Neurones and a Climbing Fibre System from	
the Cat Brain Stem. I. Effects from the Rubral Region. By T. JENESKOG	
Titratable Acid, Pco ₂ , Bicarbonate and Ammonium Ions along the Rat Proximal Tubule. By B. KARLMARK and B. G. DANIELSON	MI 400

11-743

T	VOL. 91. INDEX	ш
	Cardiorespiratory Responses to Graded Exercise at Increased Ambient Air Pressure. By L. FAGRAEUS, C. M. HESSER and D. LINNARSSON	
3	Regression of Structural Cardiovascular Changes after Reversal of Experimental Renal Hypertension in Rats. By Y. Lundgren	
6	Short Communication:	
3	Dependence of Basic Secretion of Antidiuretic Hormone on Cerebrospinal Fluid [Na ⁺]. By K. Olsson and R. Kolmodin	286
	Fasc. 3. (July 1974)	
10	Action of Drugs on the Innervated and Denervated Urinary Bladder of the Rat. By M.	
33	ELMÉR Characteristics and Distribution of Spinal Focal Synaptic Potentials Generated by Group II Muscle Afferents. By T. C. Fu, M. Santini and E. D. Schomburg	
36	Electrophysiological Investigation of the Projection of Secondary Muscle Spindle Afferents in the Cat. Spinal cord By T. C. Fu and E. D. Schomburg	
39	Uptake of Iodinated Oxytocin by Some Tissues and Organs in the Male Rat. By A. Agmo	330
42	Stimulation of Glucose Metabolism in Rat Mast Cells by Antigen, Dextran and Compound 48/80, Used as Histamine Releasing Agents. By N. CHAKRAVARTY and H. J.	
	SØRENSEN Protein Concentration and Colloid Osmotic Pressure of Rat Skeletal Muscle Interstitial Fluid. By K. Aukland and H. M. Johnsen	
45	Time Course and Extent of Structural Vascular Adaptation to Regional Hypotension in Adult Spontaneously Hypertensive Rats (SHR). By L. Weiss and M. Hallbäck	365
65	Discharge Properties of Motor Units in Relation to Recruitment Order in Voluntary Contraction. By J. Hannerz Storage of Elastic Energy in Skeltal Muscles in Man. By E. Asmussen and F. Bonde-	374
172	Petersen Long-Term Treatment with Antihypertensive Drugs in Spontaneously Hypertensive Rats (SHR). Effects on Blood Pressure, Survival Rate and Cardiovascular Design. By	
100	L. Weiss	393
180	Blood Pressure and Vascular Design in Renal Hypertension in Rats after Prolonged Propranolol Treatment. By Y. LUNDGREN	409
187	Normell and B. G. Wallin	
196	Short Communications:	
	Pulmonary Receptor Recording in Vitro. By G. W. BRADLEY	
203	A note on the Function of the Olfactory Organ of the Hagfish Myxine glutinosa. By K. B. Døving and K. Holmberg	
211		
216	Abstracts from Meeting of the Scandinavian Physiological Society in Oulu 21—22 May 1974	

Demonstrations

Changed Sensitivity of Cardiac a- and \(\beta\)-Adrenoreceptors in Rats Following Cold Acclimation. By M. N. E. HARRI, L. MELENDER and R. TIRRI 1A

Diff G Rele R Bind ar Effe JÄ Effe The H A Auto Ö Pola St M Loca P. Ocu BJ Resp H Effe str Effec The M Stron L The Jo Rela H Cont an Effec Ce Incre 467 Sø Pulsa Wate nie Diffe Ca

Effec

Sc

Role of Superficially Bound Ca for Potassium Contracture in Rat Portal Vein. By B. UVELIUS, S. B. SIGURDSSON and B. JOHANSSON
The Hyperpolarisation of Motoneurones by Electrophoretically Applied Amines and Other Agents. By I. Engberg, J. A. Flatman and K. Kadzielawa
The First Breath. By L. Hirvonen, R. Peltonen, and T. Peltonen
Renal Cortical Flow during Dehydration in Dogs. By A. Kirkebö and I. Tysseboth 5A
Stress-Induced Ulcer in Spontaneously Hypertensive Rats. By M. Hallbäck, G. Magnusson and L. Weiss
The Binding of Insulins from Different Animal Species to Rat Fat Cell Receptors. By S.
GAMMELTOFT and J. GLIEMANN
The Relation between Firing Frequency and Input Current in a Nerve Cell Model Based
upon a Simplified Form of Hodkin-Huxley's Equations. By E. Skaugen 8A
Linear Subtractive Inhibition Produced by Summation of Individual IPSPs. By G. Fenstad, A. Niá and L. Walløe
The Kinetics of Splanchnic Elimination of Ethanol and Glycerol in Cats and Related
Metabolic Effects. By N. Krarup, J. A. Larsen and C. Olsen
Metabolic Effects. By N. Krarup, J. A. Larsen and C. Olsen
Enzyme Activities of Liver Mitochondria from Altitude-Exposed Rats. By V. Kinnula 12A Chorda-lingual Induced Two-phase Vasodilatation in the Saline-perfused Cat Sub-
Chorda-lingual Induced Two-phase Vasodilatation in the Saline-perfused Cat Sub- mandibular Gland. By J. H. Poulsen
glutinosa. By R. Fänge, ML. Johansson-Sjöbeck and M. Kanje
Disynaptic Ia Inhibition of the Interneurones Mediating the Reciprocal Ia Inhibition of
Motoneurones. By H. Hultborn, M. Illert and M. Santini
Effects of Lanthanum and Calcium Antagonists on Contractile Responses of Isolated
Guinea-Pig Gallbladder. By KE. Andersson, P. Hedner and C. G. A. Persson 16A
Proline Dominance in the Intracellular Amino Acid Pool of a Cirripede Crustacean. By H. J. FYHN
Transient Disturbance of Potassium Balance in Rat Liver Induced by Fructose. By M. Folke
Evidence for the Involvement of Separate Enzymes in the Synthesis of Bilirubin Glucosides and Glucuronides in Rat Liver. By J. Marniem
The Acute Effects of Electrical Stimulation on Metabolites, Enzymes and Fiber Recruitment Pattern in Human Skeletal Muscle. By G. Wilson and J. Karlsson
The Effect of Strength Training on Muscle Enzymes Related to High Energy Phosphate
Metabolism. By A. Thorstensson and J. Karlsson
Effect of Polychlorinated Biphenyls on Microsomal Drug Biotransformation in Rat Liver.
By H. Vainio
Lactate Metabolism by the Perfused Rat Liver after Addition of Glycerol. By C. Olsen 23A
Communications
Effects of Prostaglandin E ₂ on the Sympathetic Neuroeffector System of the Rabbit Kidney in Vitro and in Situ. By M. H. Frame and P. Hedqvist
Prostaglandin E ₁ on Neuromuscular Transmission. By SE. Jansson, J. Hyvärinen, EM. Tolppanen and J. Gripenberg
Accumulation of Noradrenaline in the Sympathetic Nerve Trunk Vesicles during Axonal
Transport. By H. Lagercrantz
Rectification in Potential Clamped Nodes of Ranvier. By P. Arhem and B. Franken- HAEUSER
Effects of Sex Steroids on Prolactin Production by Rat Pituitary Cells in Culture. By E. Haug and K. M. Gautvik

A	Differential Effects of Cyproterone Acetate on Sexual Behaviour and Accessory Sexual
"	Glands in Rabbits. By A. Agmo
A	Release and Degradation of Adenosine 3', 5'-Monophosphate by the Rat Ovary. By S.
A	Rosberg, G. Selstam and K. Ahrén
A	Binding and Stimulation of the Adenylyl Cyclase in Isolated Rat Fat Cells by Glucagon
~	and Des-His1-Glucagon. By O. Sonne, J. GLIEMANN and S. GAMMELTOFT 32A
A	Effect of Nicotine on Left Ventricular Volume in the Dog. By L. HIRVONEN, J. TIMIS-
in l	Järvi and J. Miihkinen
A	Effect of Vasodilating Drugs on Dental Pulp Blood Flow in Dogs. By K. J. H. TÖNDER 34A
^	The Effects of N ⁶ , 2'-0-dibutyryl 3', 5'-cyclic Adenosine Monophosphate (db-cAMP) on
BA	Hepatosplanchnic Metabolism and Hemodynamics. By N. Krarup J. A. Larsen and
MA	A. P. Munck
A	Autoregulation of Blood Flow in Cortical Regions of the Rat Kidney. By LO. LINDBOM,
MA I	Ö. Källskog, H. R. Ulfendahl and M. Wolgast
	Polarization Sensitivity of Individual Retinula Cells and Neurons of the Fly Calliphora as
)A	Studied by an Electrophysiological Staining Method. By M. JÄRVILEHTO and J.
2A	Moring
	Locomotor Movements Generated by the Deafferented Spinal Cord. By S. GRILLNER and
2A	P. Zangger
	Oculomotor Outflow during Paradoxical Sleep in the Cat. By J. ALIHANKA, SE.
3A	Björkqvist, M. Oinaala, J. Soini and P. Valleala
	Response to Electric Shock in Rats: Effects of Selective Midbrain Raphe Lesions. By K.
4A	HOLE and S. A. LORENS
	Effects of Barbiturates in Vitro on Protein Synthesis, Rapid Axonal Transport and Ultra-
6A	structure in the Frog Sciatic System. By H. LARSSON, A. EDSTRÖM and HA. HANSSON 41A
	Effects of N-Ethyl-maleimide on Rat Phrenic Nerve Terminals and Axons. By A. RÖED 42A
7A	The Role of Baroreceptor A- and C-fibres in Reflex Bradycardia. By H. AARS and L.
0.4	Myhre
8A	Strong Heat Exposure and Adenohypophyseal Hormone Secretion in Man. By J.
0.4	LEPPÄLUOTO, H. LYBECK, J. PARTANEN, T. RANTA and P. VIRKKUNEN 44A
9A	The Force-Velocity Relation in Venous Smooth Muscle. By P. HELLSTRAND and B.
0A	JOHANSSON
UA	Relationship between Isometric Endurance and Muscle Fiber Type Composition. By B.
1A	Hultén and J. Karlsson
IA	Control of Breathing in an Amphibious Fish, Amphipnous Cuchia. By J. P. LOMHOLT
2A	and K. Johansen
3A	Effects of Mitosis-Inhibitors and Anesthetics on Differentiated Mouse Neuroblastoma
JA	Cells. By L. J. Erkell and A. Edström
	Increase in the Potassium Concentration in Brain Extracellular Fluid as a Cause of the
	"No-Flow" State Following Cerebral Ischemia. By J. WADE, O. AMTORP and S. C.
	Sørensen
	Pulsatile Hydraulic Power in the Pulmonary Circulation. By H. Piene and A. Hauge 50A
25A	Water Permeability in the Human Forearm Measured by an Osmotic Transient Tech-
	nique, By T. Palm, S. L. Nielsen, N. A. Lassen and P. Bie
26A	Different Temperature Dependence of Luminal and Contraluminal Ion Transport in the
	Cat Submandibular Gland. By L. P. Laugesen, J. O. D. Nielsen and J. H. Poulsen 52A
26A	
27A	Fasc. 4. (August 1974)

Fasc. 4. (August 1974)

Effects of Barbiturates on Synthesis and Rapid Axonal Transport of Protein in Vitro in the

28A

AARS ANDE Gr AGM ARHI ARHI ARHI on Asmu AUKI BALD BALD Bø, (Bogt BOLM BONE BRAD CARI Sa CHAI Cost du DANI DANI DANI Døvi EDST EDW. EKL Ce ELME ERIK Essé:

FAGE

FOLK

FOLK

FRAN

FRAN

FRAN

FREE

From Fu, 7 Fuxing an Gain Gann

The Immediate Effects of Liceties of the Honotic Astons on Lives Handsmanies and	
The Immediate Effects of Ligation of the Hepatic Artery on Liver Hemodynamics and Liver Function in the Cat. By N. Krarup and J. A. Larsen	,
	,
Effects of Prolonged Treatment with Adrenergic β-Receptor Antagonists on Blood	
Pressure, Cardiovascular Design and Reactivity in Spontaneously Hyptertensive Rats	-
(SHR). By L. Weiss, Y. Lundgren and B. Folkow	'
Electrical Activity and Isometric Tension in Motor Units of the Cat's Inferior Oblique Muscle. By G. Lennerstrand	Ω
Glycogen Utilization in Leg Muscles of Men during Level and Uphill Running. By D. L.	0
Costill, E. Jansson, P. D. Gollnick and B. Saltin	5
Middle Ear Muscle Effects on Cochlear Responses to Bone-conducted Sound By D. R. F.	
IRVINE and K. G. Wester	2
Transcapillary Passage of Plasma Proteins in Experimental Burns. By K. GANROT, S.	
JACOBSSON and U. ROTHMAN	7
DDT and Related Substances: Effects on Permeability Properties of Myelinated Xenopus	
Nerve Fibre, By P. Arhem and B. Frankenhaeuser	2
Afterhyperpolarization Conductance Time Course in Lumbar Motoneurones of the Cat.	
By F. BALDISSERA and B. GUSTAFSSON	2
Firing Behaviour of a Neurone Model Based on the Afterhyperpolarization Conductance	
Time Course. First Interval Firing. By F. BALDISSERA and B. GUSTAFSSON	8
Maximal Work Performance at Raised Air and Helium-Oxygen Pressures. By L.	
FAGRAEUS 54	5
Transport and Oxidation of Amino Acids and Glucose in the Isolated Exocrine Mouse	
Pancreas: Effects of Insulin and Pancreozymin. By A. Danielsson and J. Sehlin 55	7
Short Communications:	
Effects of Piperoxane on Sleep and Waking in the Rat. Evidence for Increased Waking by	
Blocking Inhibitory Adrenaline Receptors on the Locus Coeruleus. By K. Fuxe, P.	
LIDBRINK, T. HÖKFELT, P. BOLME and M. GOLDSTEIN	6
Myosin ATPase in Skeletal Muscle of Healthy Men. By A. W. TAYLOR, B. Essén and	
B. Saltin	8
Reinnervation of the Rat Diaphragm during Perfusion with a-Bungarotoxin. By D. VAN	
Essen and J. K. S. Jansen	1
The Temperature Dependence of Action Potentials in Rat Skeletal Muscle Fibres. By	
M. R. WARD and S. THESLEFF	4

Supplements

- Supplementum 404. A Spectrophotometric Method for Analysis of Oxygen Consumption in vitro on the Microscale. By R. Hultborn.
- Supplementum 405. The Effect of Quantitated Training on the Capacity for Short and Prolonged Work. By L.-O. Nordesjö.
- Supplementum 406. Studies on Fibre Size in Developing Sciatic Nerve and Spinal Roots in Normal, Undernourished, and Rehabilitated Rats. By A. Sima.
- Supplementum 407. Physiology of Swimming Man. By I. Holmér.

INDEX AUCTORUM

in ro-

INDEA ACCIONCIA	
Aarseth, P., see Piene, H.	94
ANDERSON, P., P. RÖHLICH, S. A. SLORACH and B. UVNÄS, Properties of Mast Cell	
Granules	145
Agmo, A. Distribution of Oxitocin	330
ARHEM, P. and B. FRANKENHAEUSER, Local Anesthetics on Nerve	11
ÅRHEM, P. and B. FRANKENHAEUSER, DDT and Related Substances on Myelinated Nerve	502
ARHEM, P., B. FRANKENHAEUSER, R. GÖTHE and P. O'BRYAN, DDT and Related Substances on Myelinated Nerve	130
ASMUSSEN, E. and F. BONDE-PETERSEN, Elastic Energy in Muscles	385
AUKLAND, K. and H. M. JOHNSEN, Skeletal Muscle Interstitial Protein and COP	354
BALDISSERA, F. and B. GUSTAFSSON, AHP Conductance in Motoneurones	512
BALDISSERA, F. and B. GUSTAFSSON, Repetitive Firing of a Neurone Model. First Interval	528
Bø, G., see Piene, H.,	94
BOGUSLAWSKY, P. von, see Wallgren, H.,	83
BOLME, P., see Fuxe, Kj.,	566
BONDE-PETERSEN, F., see Asmussen, E.,	
Bradley, G. W., Pulmonary Receptor Recording in Vitro	
CARLSÖÖ, B., Å. DANIELSSON, S. MARKLUND and T. STIGBRAND, Peroxidase Release from	
Salivary Gland	203
CHAKRAVARTY, N. and H. J. SØRENSEN, Metabolic Stimulation during Histamine Release	
COSTILL, D. L., E. JANSSON, P. D. GOLLNICK and B. SALTIN, Muscle Glycogen Depletion	
during Running	475
Danielsson, A., see Carlsöö, B.,	
Danielson, B. G., see Karlmark, B.,	
Danielsson, A. and J. Sehlin, Metabolism in Exocrine Pancreas	
DOVING, K. B. and K. HOLMBERG, A Note on the Function of the Olfactory Organ	
EDSTRÖM, A. and H. LARSSON, Barbiturates, Synthesis and Fast Axonal Transport of Proteins	
EDWALL, L., see Olgart, L.	
EKLÖF, B., N. A. LASSEN, L. NILSSON, K. NORBERG, B. K. Stesjö and P. Torlöf, Regional	
Cerebral Blood Flow	
Elmér, M., Drugs on Urinary Bladder	
Eriksson, L., CSF Na+ and Water Balance	61
Essén, B., see Taylor, A. W.,	568
FAGRAEUS, L., Exercise in Hyperbaric Environment	545
FAGRAEUS, L., C. M. HESSER and D. LINNARSSON, Exercise at Increased Air Pressure	259
Folkow, B., see Lundgren, Y.	
FOLKOW, B., see Weiss, L.,	
Frankenhaeuser, B., see Århem, P.,	
Frankenhaeuser, B., see Arhem, P.,	130
Frankenhaeuser, B., see Århem, P.,	
Fredholm, B. B. and A. Fronek, Phosphagens in Fat Following Bleeding	165
FRONEK, A., see Fredholm, B. B.,	165
Fu, T. C. and E. D. Schomburg, Spinal Projection of Secondary Spindle Afferents	
Fu, T. C., M. SANTINI and E. D. SCHOMBURG, Spinal Group II Focal Synaptic Potentials	
FUXE, KJ., P. LIDBRINK, T. HÖKFELT, P. BOLME, and M. GOLDSTEIN, Piperoxane on Sleep	,
and Waking	
GAINER, J. L., see LINDE, B.,	172
Gaynow V S Lagoreson and U Dominary Ductoins in Laurah in Domina	407

NILS Non Non Non О'вы OLG. OLSE OLSS PALE PERS PERS PERS PETE PHA PIEN Röh Rot SALT SALT SAN Sch Sch SEH SIES SIES SIES SLO SØR STIC TAY TER Тн Тн Tor Uvi WA N WA VAN WA WA WE WE WE WE WE WE Vy

	_	
Goldstein, M., see Fuxe, Kj.,		NIKA
GOLLNICK, P. D., see Costill, D. L.,		NILS
GÖTHE, R., see ÅRHEM, P.,		NILS
GRÄNDE, PO., J. JÄRHULT and S. MELLANDER, Measurement of Tissue Volume Changes		NILS
Gustafsson, B., see Baldissera, F.,		Non
	528	Non
HAEGERSTAM, G., see Olgart, L.,	116	Non
	103	O'BE
	365	OLG
HANNERZ, J., Discharge Properties in Motor Units	374	OLSI
HÄRKÖNEN, M., see HEMMINKI, K.,	69	OLSS
HEMMINKI, K. and M. HÄRKÖNEN, Energy Reserves in Isolated Brain Cells	69	PALI
Hesser, C. M., see Fagraeus, L.,	259	PERS
HÖKFELT, T., see Fuxe, Kj.,		PERS
HOLMBERG, K., see Døving, K. B.,	430	PERS
IRVINE, D. R. F. and K. G. WESTER, Middle Ear Muscles and Bone Conduction	482	PETE
JACOBSSON, S., see GANROT, K.,	497	PHA
Jansen, J. K. S., see van Essen, D.,	571	PIEN
Jansson, E., see Costill, D. L.,	475	Röh
JÄRHULT, J. and S. MELLANDER, Autoregulation of Capillary Pressure	32	Rot
JÄRHULT, J., see GRÄNDE. PO.	211	SAL
JENESKOG, T., Parallel Fusimotor and Climbing Fibre Activation	223	SAL
JÓHANNSSON, H. and B. K. Siesjö, CBF and CMRo, in Anemia		SAN
JOHNSEN, H. M., Colloid Osmotic Pressure of Interstitial Fluid	142	Sch
JOHNSEN, H. M., see AUKLAND, K.,	354	Sch
Junstad, M., see Wennmalm, Å.,		SEH
KARLMARK, B. and B. G. DANIELSON, Acid-Base Analysis of Rat Proximal Urine		SIES
KIRKEBÖ, A. and I. TYSSEBOTN, Renal Cortical Blood Flow	22	SIES
KNAVE, B. and H. E. Persson, Barbiturate on Retinal Functions I	53	SIES
KNAVE, B. and H. E. Persson, Barbiturate on Retinal Functions III	187	SLO
KNAVE, B., H. E. PERSSON and S. E. G. NILSSON, Barbiturate on Retinal Functions II	180	Sør
KOLMODIN, R., see Olsson, K.,		STIC
Krarup, N. and J. A. Larsen, Glucagon, Liver Function and Hemodynamics	42	TAY
Krarup, N. and J. A. Larsen, Liver Hemodynamics and Function		TER
LARSEN, J. A., see KRARUP, N.,	42	Тни
LARSEN, J. A., see KRARUP, N.,	441	Тн
LARSSON, H., see Edström, A.,		Tor
LASSEN, N. A., see Eklöf, B.,		Tys
Lennerstrand, G., Extraocular Motor Units		Uv
LIDBRINK, P., see Fuxe, KJ.,		WA
LINDE, B. and J. L. GAINER, Disappearance of 133 Xenon during Sympathetic Stimulation		N
LINKOLA, J., see Wallgren, H.,	83	WA
LINNARSSON, D., see FAGRAEUS, L.,	259	VAN
LUNDGREN, Y., Regression of Hypertrophic Cardiovascular Changes		WA
LUNDGREN, Y., Propranolol Treatment in Renal Hypertension		WA
LUNDGREN, Y., M. HALLBÄCK, L. WEISS and B. FOLKOW, Cardiovascular Changes in		WE
Hypertension		WE
LUNDGREN, Y., see Weiss, L.,	0.00	WE
Marklund, S., see Carlsöö, B.,		t
Mellander, S., see Grände, PO.,		WE
Mellander, S., see Järhult, J.,	32	WE
Nursery B. Diagna Lone and Body Temperature	193	We

7	INDEX AUCTORUM	ıx
566	Nikander, P., see Wallgren, H.,	83
475	NILSSON, L., Adrenalectomy and FSH Effects on the Ovary	
130	NILSSON, L., see EKLÖF, B.,	1
211	NILSSON, S. E. G., see KNAVE, B.,	
512	NORBERG, K. and B. K. Siesjö, CBF and CMRo2 in Rat Brain	
528	Norberg, K., see Eklöf, B.,	1
116	NORMELL, L. A. and B. G. WALLIN, Sympathetic Skin Nerve Activity	
103	O'BRYAN, P., see ÅRHEM, P.,	
365	OLGART, L., G. HAEGERSTAM and L. EDWALL, Extracellular Calcium and Excitability.	
374	Olsen, Chr. and E. S. Petersen, Glycerol and Lactate Elimination	76
69	OLSSON, K. and R. KOLMODIN, Antidiuretic Hormone and CSF Na+	
69	Palkama, A., see Tervo, T., Persson, H. E., see Knave, B.,	
259	Persson, H. E., see Knave, B.,	
566 430	Persson, H. E., see Knave, B.,	
482	Petersen, E. S., see Olsen, Chr.,	76
497	Pham-Huu-Chanh, see Wennmalm, Å.,	
571	PIENE, H., P. AARSETH and G. Bø, Plasma Hyperosmolarity and Lung Vessels	
475	Röhlich, P., see Anderson, P.,	
32	Rothman, U., see Ganrot, K.	
211	Saltin, B., see Costill, D. L.,	
223	Saltin, B., see Taylor, A. W.	
136	Santini, M., see Fu, T. C.,	
142	Schomburg, E. D., see Fu, T. C.,	
354	Schomburg, E. D., see Fu, T. C.,	
133	Sehlin, J., see Danielsson, A.	
243	Siesjö, B. K., see Eklöf, B.,	1
22	Siesjö, B. K., see Jóhannsson, H.,	136
53	Siesjö, B. K., see Norberg, K.,	154
187	SLORACH, S. A., see Anderson, P.,	
180	Sørensen, H. J., see Chakravarty, N.,	
286	Stigbrand, T., see Carlsöö, B.,	
42	TAYLOR, A. W., B. Essén and B. Saltin, ATPase in Skeletal Muscle	
441	Tervo, T. and A. Palkama, ATPase in Rat Cornea	
42	THESLEFF, S., see WARD, M. R.	574
441	THESLEFF, S., F. VYSKOČIL and M. R. WARD, Regenerative Responses in Muscle	
433	Torlöf, P., see Eklöf, B.,	
1 458	Tyssebotn, I., see Kirkebö, A.,	
566	Uvnäs, B., see Anderson, P.,	
172	Movements	
83	WALLIN, B. G., see NORMELL, L. A.,	
259	VAN ESSEN, D. and J. K. S. JANSEN, Reinnervation of Rat Diaphragm	
275	WARD, M. R., see Thesleff, S.,	
409	WARD, M. R. and S. Thesleff, Temperature Dependent Action Potentials	
	Weiss, L., Hypotensive Drugs in Hypertensive Rats	
103	Weiss, L. and M. Hallbäck, Vascular Adaptation to Hypotension in SHR	
447	Weiss, L., Y. Lundgren and B. Folkow, β-Receptor Blockade in Spontaneously Hyper-	
203	tensive Rats	
211	Weiss, L., see Lundgren, Y.,	103
32	Wennmalm, A., Pham-Huu-Chanh and M. Junstad, Prostaglandin Release from Hearts	
123	Wester, K. G., see Irvine, D. R. F.,	
	Vyskočil, F., see Thesleff, S.,	